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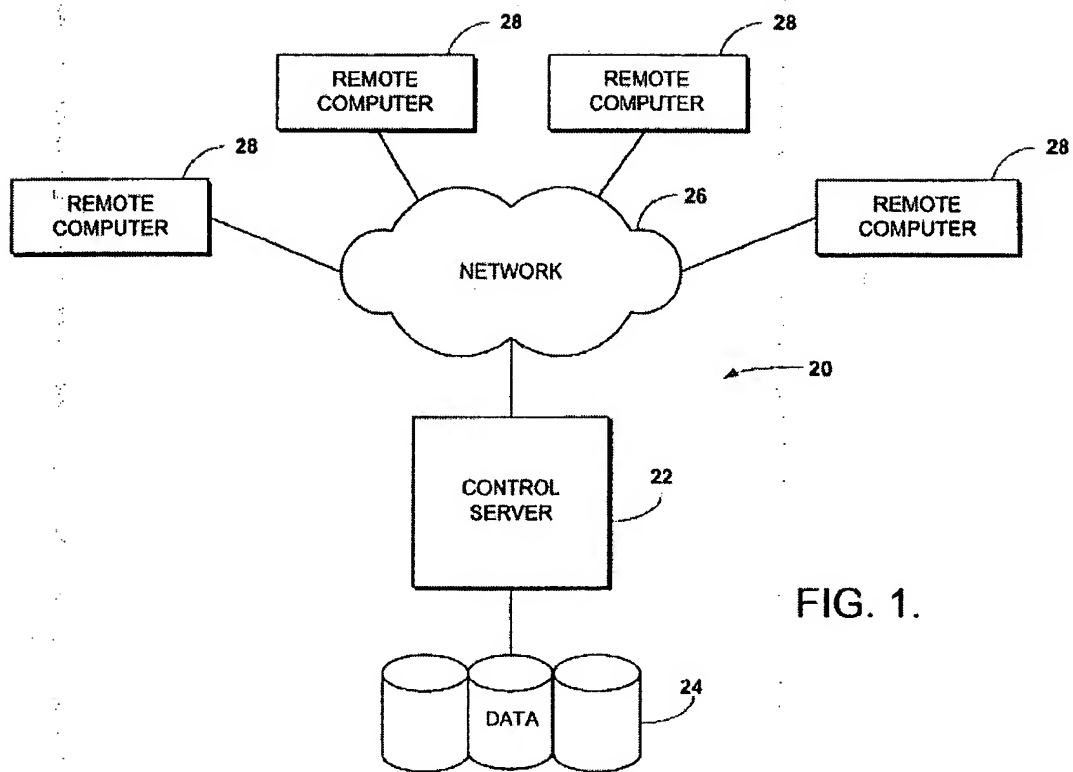


FIG. 1.

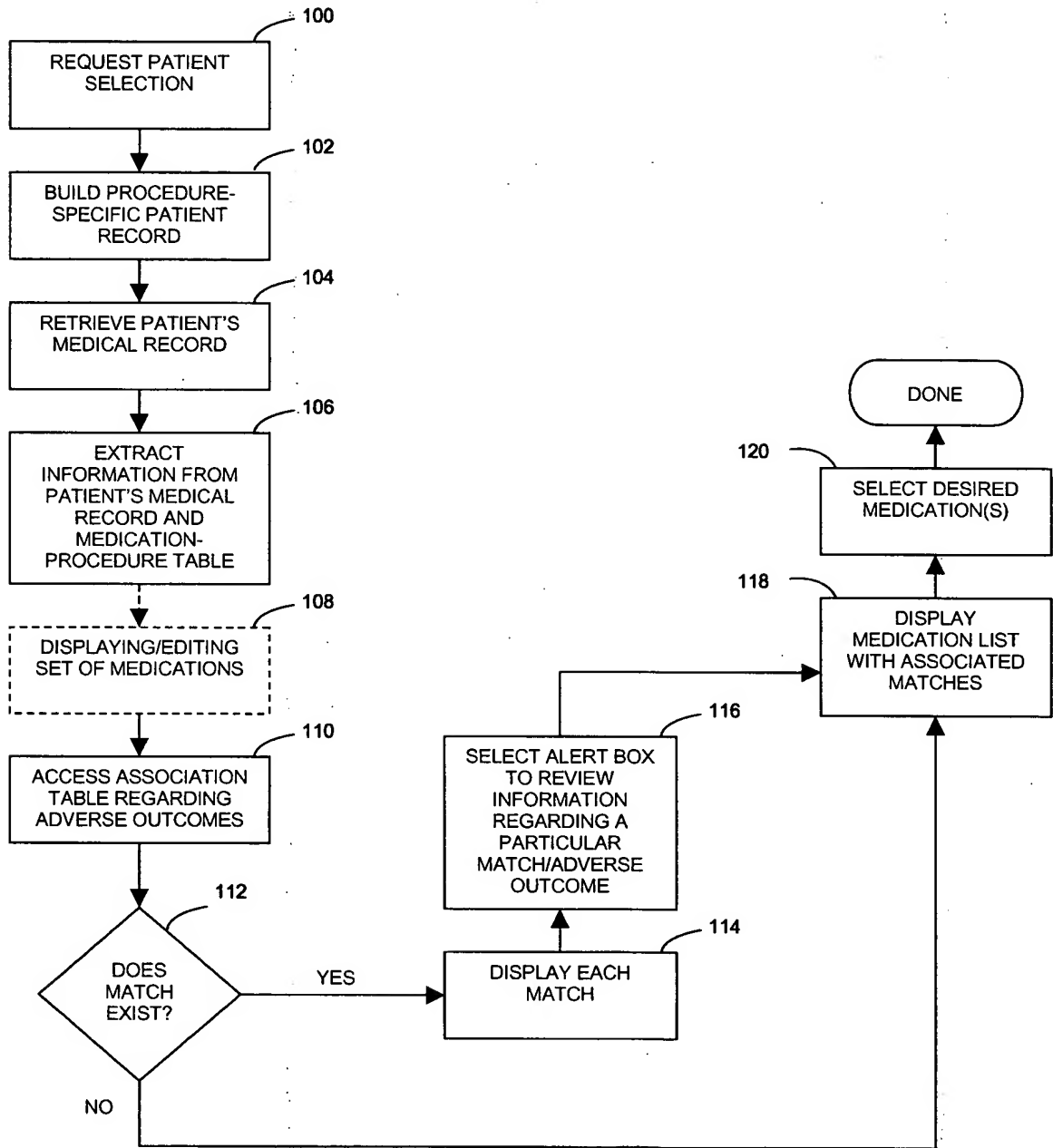


FIG. 2

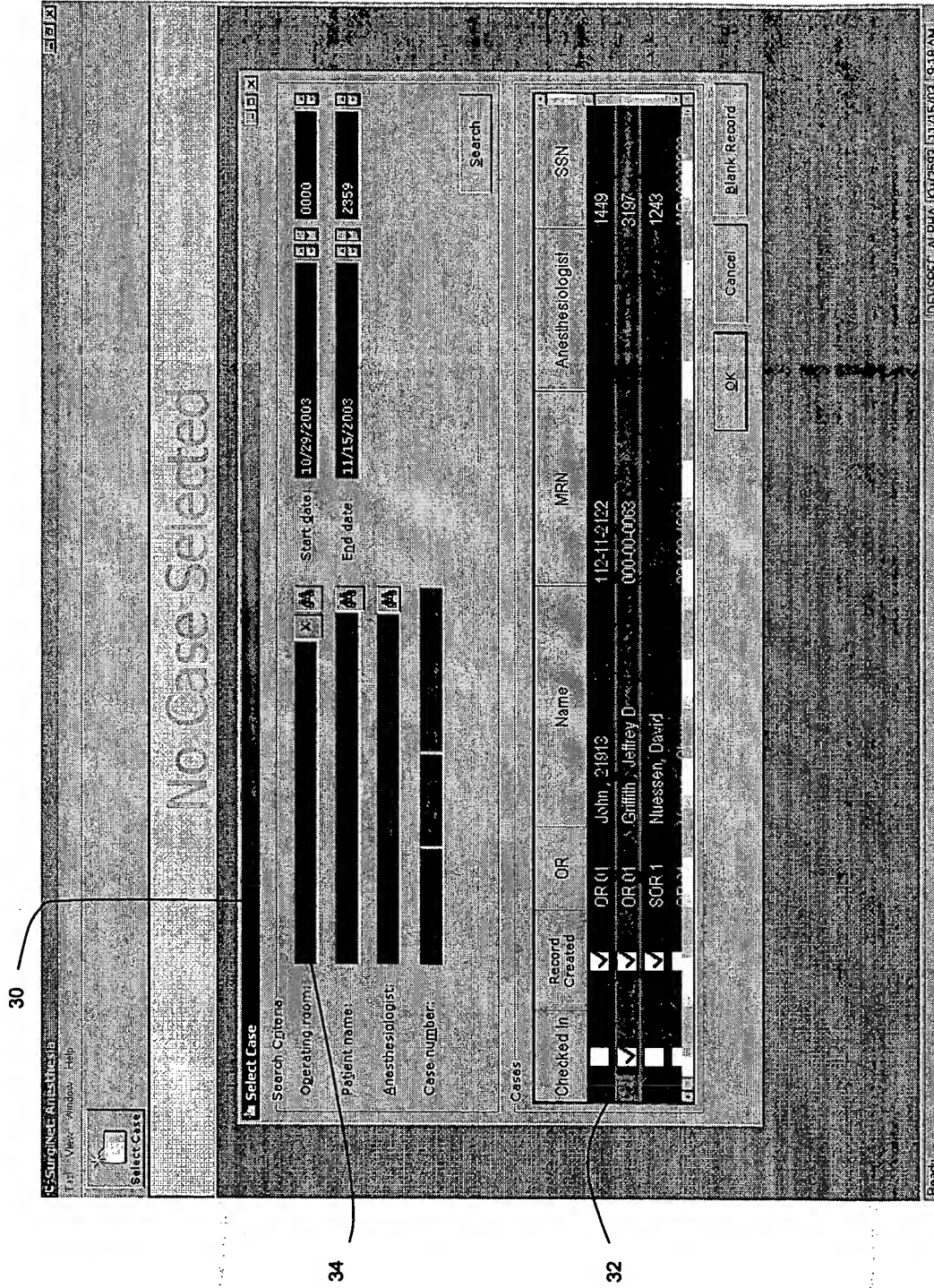


FIG. 3

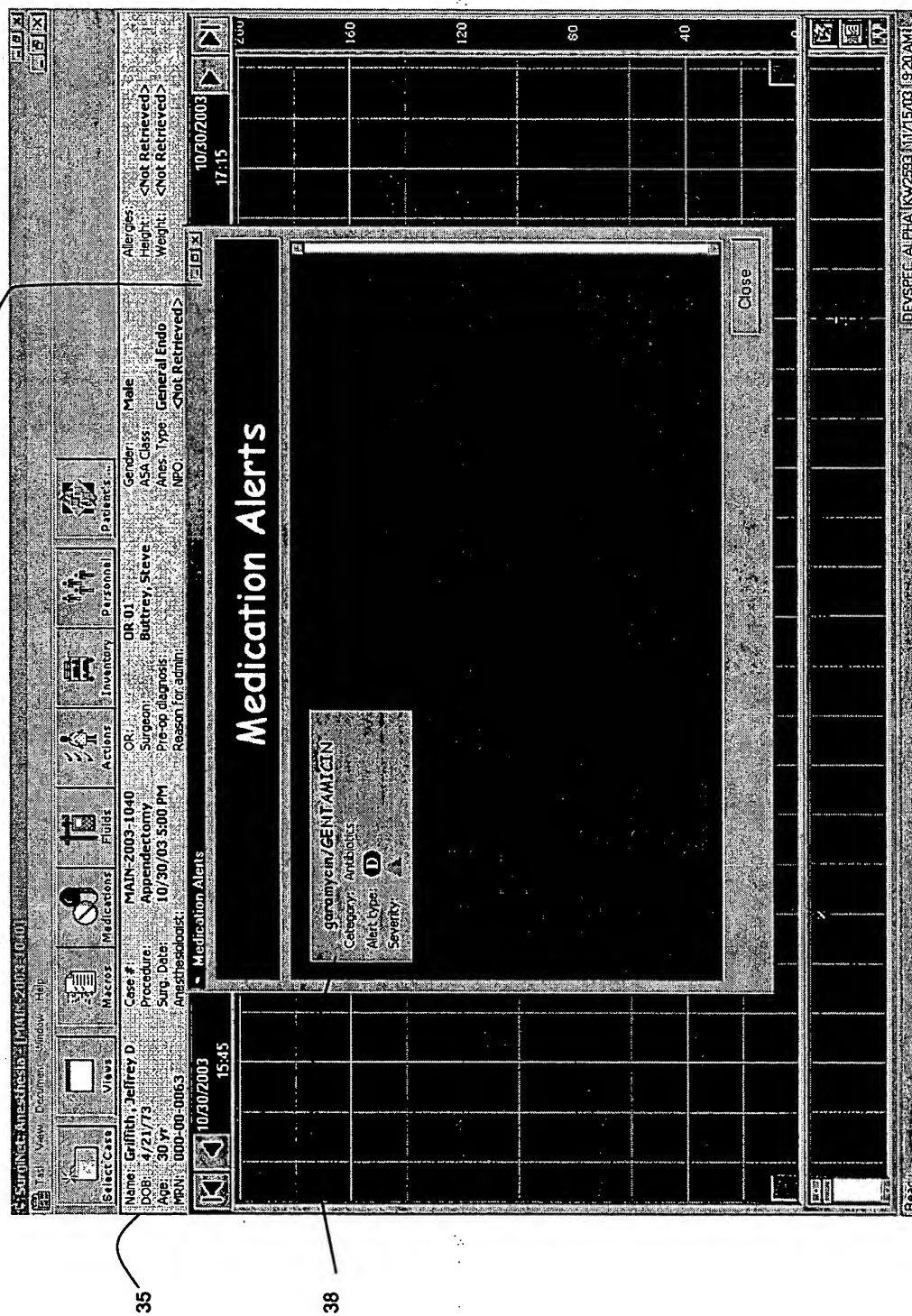


FIG. 4

40

Decision Support

IDENTIFIED ORDER: ampicillin

Show: All

Status	Type	Severity	Overrid.	Name
A	A			ampicillin
D	D			Gentamicin
E	E			Food

42

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Griffith, Jeffrey D

Drug Reference Education Local Reference

Search

### ampicillin

Pharmacology Warnings Pregnancy Lactation Side Effects

Pharmacology (Top)

Pharmacology: Ampicillin is a semisynthetic penicillin. Like other penicillins, ampicillin inhibits bacterial cell wall synthesis. Ampicillin has activity against gram-positive and some gram-negative organisms, including *Escherichia coli*, *Salmonella*, *Proteus mirabilis*, *Haemophilus influenzae*, and *Neisseria gonorrhoeae*. Ampicillin is approved by the FDA for use in the treatment of upper and lower respiratory tract infections, complicated and uncomplicated urinary tract infections, osteomyelitis, meningitis, endocarditis, and peritonitis. Ampicillin is also approved for use in some bacterial endocarditis prophylactic regimens as recommended by the American Heart Association. Although not approved by the FDA, ampicillin has been used for prophylaxis against group B streptococcal infections in obstetrical patients.

Warnings (Top)

Intrathecal injection is contraindicated because it may induce potentially fatal encephalopathy. Pseudomembranous colitis has been reported with almost all antibiotics and may potentially be life-threatening. Therefore, it is important to consider this diagnosis in patients who present with diarrhea while receiving ampicillin therapy. Mild cases generally improve with discontinuation of the drug, while severe cases may require supportive therapy and treatment with an antimicrobial agent effective against *Clostridium difficile*. Serious and occasionally fatal hypersensitivity reactions have been reported with antibiotics. The drug should be discontinued immediately at the first appearance of a skin rash or other signs of hypersensitivity. Severe, acute hypersensitivity reactions may

Previous Override Reason: Free Text

Current Override Reason: Apply Total

ampicillin - Gentamicin (interaction)

ampicillin gentamicin: MODERATE ADJUST DOSING INTERVAL: Ampicillin may inactivate aminoglycosides in vivo and in vitro. The mechanism is complexation with the aminoglycoside. Typically, this effect is significant only in patients with renal failure or if the agents are mixed in the same IV container or line. Lower serum aminoglycoside levels may be

Remove identified order

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FIG. 5



**Surginet-Anesthesia - [MAIN-2003-1040]**

Tools View Documents Reports Help

Select Case: [Jeffrey D Griffith] 4/21/73 30 Yr Age 0070-00-Jnnc3

Case #: [MAIN-2003-1040] Procedure: [Appendectomy] Surg. Date: [10/30/03 5:00 PM] Pre-op diagnosis: [ ] Patient for admin: [ ]

OR: [ ] Surgeon: [Buttrey, Steve] Gender: [Male] ASA Class: [ ] Anes. Type: [General Endo] NPO: [ ]

Allegies: [ ] Height: [ ] Weight: [ ]

Medication: [ ]

☐ Add Admin ☐ Modify Admin ☐ Remove Admin ☐ Remove Medication

☐ Select Medication

**Anesthetics** **Reversal Agents** **Anticholinergics** **Antidysrhythmics** **Antibiotics** **Pre-Med**

Anpiellin anpiellin 500 mg	Cefazolin Sodium cefazolin generic 500 mg	Vancocin Hcl vancocin 500 mg	Anpiellin anpiellin 300 mg/cap	Clindamycin Phosphate clindamycin 15 mg/mL	Vancocin Hcl Pulvules vancocin 1 g	Anpiellin anpiellin 30 mg	Amplidin amplidin 1 g/mL	Amplidin amplidin 30 mg	Amplidin amplidin 1 g/mL	Amplidin amplidin 40 mg	Amplidin amplidin 60 mg/mL
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Other: [ ]

Cancel

Ready

FIG. 6

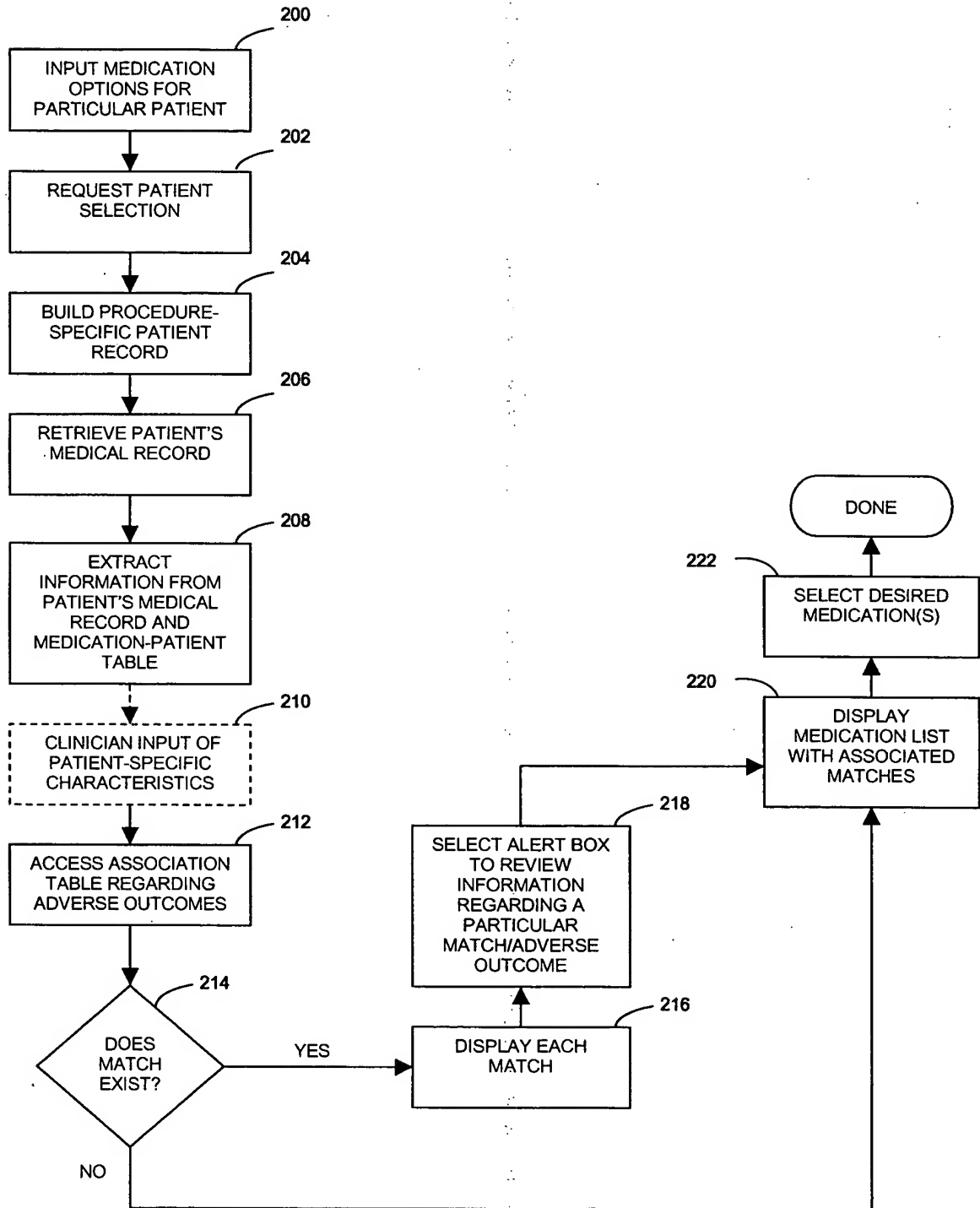


FIG. 7